

2018 Current Fiscal Year Report: NIST Smart Grid Advisory Committee

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1. Department or Agency

Department of Commerce

2. Fiscal Year

2018

3. Committee or Subcommittee

NIST Smart Grid Advisory Committee

3b. GSA Committee No.

72230

4. Is this New During Fiscal Year?

No

5. Current Charter

01/18/2018

6. Expected Renewal Date

01/18/2020

7. Expected Term Date

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

Secretarial Decision Memorandum

13. Effective Date

10/09/2009

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Other Committee

16a. Total Number of Reports

No Reports for this Fiscal Year

17a. Open 1 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 1 Meetings and Dates

Purpose	Start	End
Review progress on NIST Smart Grid research and standards input efforts; Provide input on NIST's Framework for Smart Grid Interoperability (revision underway in FY18)	04/24/2018	04/25/2018

Number of Committee Meetings Listed: 1

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$67,154.00	\$64,150.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$12,667.14	\$15,527.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$0.00	\$0.00
18d. Total	\$79,821.14	\$79,677.00

19. Federal Staff Support Years (FTE)

0.50

0.44

20a. How does the Committee accomplish its purpose?

The Committee provides input to NIST on the Smart Grid Standards, Priority, and Gaps. The Committee provides input on the overall direction, status and health of the Smart Grid implementation by the Smart Grid industry, including identification of issues and needs. Input to NIST is used to help guide the Smart Grid Interoperability Panel activities and also assists NIST in directing research and standards activities.

20b. How does the Committee balance its membership?

Members reflect the wide diversity of technical disciplines and competencies involved in the Smart Grid deployment and operations, and come from a cross section of organizations. Members are from organizations such as electric utilities, consumers, IT developers and integrators, smart grid equipment manufacturers/vendors, RTOs/ITOs, electricity market operators, electric transportation industry stake holders, standards development organizations, professional societies, research and development organizations and academia.

20c. How frequent and relevant are the Committee Meetings?

The Committee meets approximately two times per year at the call of the DFO.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The Committee was established to advise the Director of the National Institute of Standards and Technology (NIST) in carrying out duties authorized by section 1305 of the Energy Independence and Security Act of 2007 (Pub. L. 110-140).

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

FY 2018 travel costs were slightly higher than estimated. The costs for subcommittees are included in the budget for the parent committee. An annual report is only prepared on issues affecting Smart Grid activities at the request of the Director of NIST. No report has been requested for FY2018.

Designated Federal Officer

Christopher Greer Director, Smart Grid and Cyber-Physical Systems Program Office, Engineering Laboratory, NIST

Committee Members	Start	End	Occupation	Member Designation
Centoletta, Paul	05/01/2015	04/30/2021	President, Paul Centoletta & Associates, LLC	Special Government Employee (SGE) Member
Cosgriff, Kevin	02/01/2017	01/31/2020	President and Chief Executive Officer, National Electrical Manufacturers Association	Special Government Employee (SGE) Member
Fine, James	08/01/2017	07/31/2020	Director of Energy Research and Senior Economist, Environmental Defense Fund	Special Government Employee (SGE) Member
Gracio, Deborah	08/01/2017	07/31/2020	Director, National Security Program Development Office, Pacific Northwest National Laboratory	Special Government Employee (SGE) Member
Grijalva, Santiago	08/01/2017	07/31/2020	Georgia Power Distinguished Professor of Electrical and Computer Engineering, Georgia Institute of Technology	Special Government Employee (SGE) Member
Handley, Jason	08/01/2017	07/31/2020	Director, Smart Grid Emerging Technology and Operations, Duke Energy	Special Government Employee (SGE) Member
Holland, Michael	08/01/2017	07/31/2020	Executive Director, Center for Urban Science & Progress, NYU	Special Government Employee (SGE) Member
Joseph, Janet	08/01/2017	07/31/2020	Vice President for Innovation and Strategy, New York State Energy Research and Development Authority	Special Government Employee (SGE) Member
Kiesling, Lynne	08/01/2017	07/31/2020	Associate Professor, Purdue University	Special Government Employee (SGE) Member
Lee, Audrey	08/01/2017	07/31/2020	Vice President, Grid Services, Sunrun, Inc	Special Government Employee (SGE) Member
McDonald, John	08/01/2017	07/31/2020	SmartGrid Business Dev. Leader North America, GE Grid Solutions	Special Government Employee (SGE) Member
Sanders, Heather	08/01/2017	07/31/2020	Energy Markets Director, Black & Veatch Management Consulting	Special Government Employee (SGE) Member

Number of Committee Members Listed: 12

Narrative Description

The Committee provides input to NIST on Smart Grid Standards, Priorities and Gaps and on the overall direction, status, and health of Smart Grid implementation by industry, including identification of issues and needs. Input to NIST is used to help guide smart grid sector outreach and technical coordination activities and also assist NIST in directing research and standards activities.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

Outcome Comments

Not Applicable

What are the cost savings associated with this committee?

Checked if Applies

None



Unable to Determine



Under \$100,000



\$100,000 - \$500,000



\$500,001 - \$1,000,000



\$1,000,001 - \$5,000,000



\$5,000,001 - \$10,000,000



Over \$10,000,000



Cost Savings Other

**Cost Savings Comments**

Not Applicable

What is the approximate Number of recommendations produced by this committee for the life of the committee?

23

Number of Recommendations Comments

There were no recommendations in FY2018.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

100%

% of Recommendations Fully Implemented Comments

The agency has fully implemented all of the recommendations from the Committee.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

N/A

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The agency has provided feedback to the Committee on the implementation status of the recommendations through Committee meetings.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input checked="" type="checkbox"/>
Reallocated resources	<input checked="" type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

Not Applicable

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

Not Applicable

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

Not Applicable